

# DHW STORAGE TANKS

“PREFERENCE” RANGE - FROM 300 TO 6 000L



CE compliance  
• 2014/68/UE



Reinforced thermal insulation



Standard and classic DHW version



“RC” internal coating (WRAS approved material)

## DESCRIPTION

### Tank

- Vertical carbon steel tank with 3 feet.
- Capacity from 300 to 6 000L.
- Maximum working pressure = 7 bar - Test pressure = 10 bar.
- Tappings (in accordance with the following diagram).
- Ø 400 mm inspection manhole up to 4 000L<sup>(1)</sup>, Ø 500 mm for 5 000 and 6 000L (Ø 250 mm handhole for 300 litres).

<sup>(1)</sup>Note : Compliant with the recommendations of the French General Directorate for Health.

### Internal coating (WRAS approved material)

- Finished with “RC851” coating (Maximum temp = 85°C constant).
- Magnesium protection anode(s) with wear indicator.

### External protection

- Anti-rust paint.

### Removable thermal insulation (including the inspection manhole and the bottom of the tank)

#### Fire proof rating : M1 (Euroclass B)

- High-performance mineral wool - 60 or 100 mm thick ( $\lambda = 0,032 \text{ W/m/K} - 32 \text{ kg/m}^3$ ).
- Flexible PVC jacket.

#### Fire proof rating : M0 (Euroclass A2)

- Rockwool - 50 or 100 mm thick ( $\lambda = 0,034 \text{ W/m/K} - 40 \text{ kg/m}^3$ ).
- Isoxal metal sheet jacket.

### Options

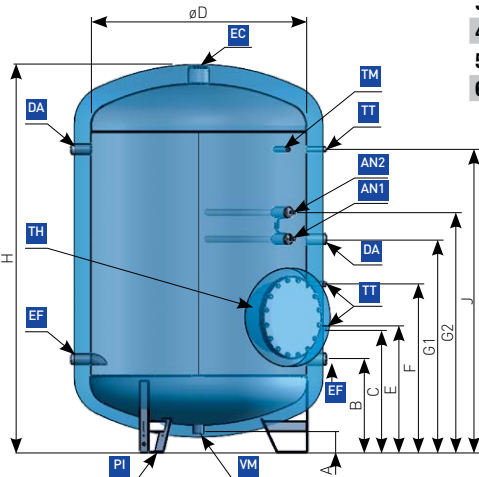
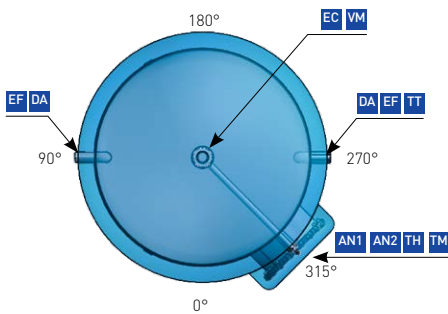
- Accessories kit (thermometer, DN25 safety valve, DN50 drainage valve, air vent valve).
- “RC951” finish (T-max = 95°C peak).
- Upon request : non-standard capacity, dimensions, working pressure and tappings implantation.

### Warranties (in accordance with our general conditions of sale)

- Tank = 5 years.
- Accessories = 1 year.

NEW  
Enamelled version  
also available  
("Glass Lined" range)

## DIMENSIONS



Cap. (Litres)	A (mm)	B (mm)	C (mm)	øD (mm)	E (mm)	F (mm)	G1 (mm)	G2 (mm)	H (mm)	J (mm)	Weight (kg)
300	90	395	545	550	565	685	850	-	1535	1155	95
500	90	410	560	650	660	860	1030	-	1820	1420	140
750	90	440	590	800	690	890	1060	-	1880	1450	175
1 000H <sup>(1)</sup>	90	440	590	800	690	890	1330	-	2430	2000	210
1 000B <sup>(1)</sup>	90	475	650	950	725	925	1100	-	1960	1485	235
1 500H <sup>(1)</sup>	90	475	650	950	725	925	1100	-	2510	2035	280
1 500B <sup>(1)</sup>	90	510	685	1100	760	960	1160	-	2020	1520	290
2 000H <sup>(1)</sup>	90	510	685	1100	760	960	1400	-	2570	2070	345
2 000B <sup>(1)</sup>	90	560	745	1300	810	1010	1220	-	2110	1570	400
2500	90	560	745	1300	810	1010	1280	-	2350	1820	430
3000	90	560	745	1300	810	1010	1450	-	2660	2120	470
4000	110	630	855	1500	860	1060	1530	1780	2790	2185	680
5000	110	630	855	1500	860	1060	1880	2130	3490	2805	790
6000	110	630	855	1500	860	1060	2160	2410	3990	3305	890

<sup>(1)</sup>Note : H = High version ; B = Low version.

Dimensions of models without a manhole are available upon request.

- AN1 Threaded tapping 40/49 for anode
- AN2 Threaded tapping 40/49 for 2<sup>nd</sup> anode (Volume  $\geq 4 \text{ m}^3$ )
- DA Outlet/loop return (DN50 G ext. thread)
- EC Hot water outlet (DN50 threaded up to 4.000L / DN80 flat flange for 5 000 and 6 000L)

- EF Cold water inlet with deflector or solar exchanger (DN50 threaded G)
- PI Support feet
- TM Tapping for thermometer (DN15 G int. thread)
- TO Ø 400 mm manhole (Ø 250 mm handhole for 300 litres)

- TT Tapping for thermostat (or PT100 probe) (DN15 G int. thread)
- VM Threaded drainage outlet (DN50 G ext. thread)

## AVAILABLE MODELS AND PRICES

Capacity (Litres)	Reference with 60 mm-M1 jacket		Reference with 50 mm-M0 jacket	
	With manhole	Without manhole	With manhole	Without manhole
300	PRT030M1B	PRT030M1	PRT030M0B	PRT030M0
500	PRT050M1V	PRT050M1	PRT050MOV	PRT050M0
750	PRT075M1V	PRT075M1	PRT075MOV	PRT075M0
1 000H <sup>(1)</sup>	PRT100M1HV	PRT100M1H	PRT100M0HV	PRT100M0H
1 000B <sup>(1)</sup>	PRT100M1BV	PRT100M1B	PRT100M0BV	PRT100M0B
1 500H <sup>(1)</sup>	PRT150M1HV	PRT150M1H	PRT150M0HV	PRT150M0H
1 500B <sup>(1)</sup>	PRT150M1BV	PRT150M1B	PRT150M0BV	PRT150M0B
2 000H <sup>(1)</sup>	PRT200M1HV	PRT200M1H	PRT200M0HV	PRT200M0H
2 000B <sup>(1)</sup>	PRT200M1BV	PRT200M1B	PRT200M0BV	PRT200M0B
2 500	PRT250M1V	PRT250M1	PRT250MOV	PRT250M0
3 000	PRT300M1V	PRT300M1	PRT300MOV	PRT300M0
4 000	PRT400M1V	-	PRT400MOV	-
5 000	PRT500M1V	-	PRT500MOV	-
6 000	PRT600M1V	-	PRT600MOV	-

Capacity (Litres)	Reference with 100 mm-M1 jacket and manhole		Reference with 100 mm-M0 jacket and manhole	
	85°C tank	95°C tank	85°C tank	95°C tank
500	PLT050M11V	PST050M11V	PLT050M01V	PST050M01V
750	PLT075M11V	PST075M11V	PLT075M01V	PST075M01V
1 000H <sup>(1)</sup>	PLT100M11HV	PST100M11HV	PLT100M01HV	PST100M01HV
1 000B <sup>(1)</sup>	PLT100M11BV	PST100M11BV	PLT100M01BV	PST100M01BV
1 500H <sup>(1)</sup>	PLT150M11HV	PST150M11HV	PLT150M01HV	PST150M01HV
1 500B <sup>(1)</sup>	PLT150M11BV	PST150M11BV	PLT150M01BV	PST150M01BV
2 000H <sup>(1)</sup>	PLT200M11HV	PST200M11HV	PLT200M01HV	PST200M01HV
2 000B <sup>(1)</sup>	PLT200M11BV	PST200M11BV	PLT200M01BV	PST200M01BV
2 500	PLT250M11V	PST250M11V	PLT250M01V	PST250M01V
3 000	PLT300M11V	PST300M11V	PLT300M01V	PST300M01V
4 000	PLT400M11V	PST400M11V	PLT400M01V	PST400M01V
5 000	PLT500M11V	PST500M11V	PLT500M01V	PST500M01V
6 000	PLT600M11V	PST600M11V	PLT600M01V	PST600M01V

<sup>(1)</sup>Note : H = High version ; B = Low version

## OPTIONS

Reference	Description
KA1S	Accessories kit - DN25 safety valve calibrated at 7-bar - Brass dial thermometer 0/120 C deg - DN50 drainage valve - Air vent valve